



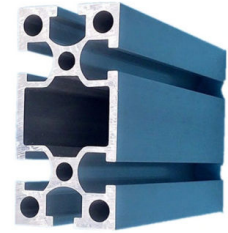
## Design OEM 6063 / 6061 Alloy Aluminum Extruded Profiles Powder Painted

Our Product Introduction

for more products please visit us on [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

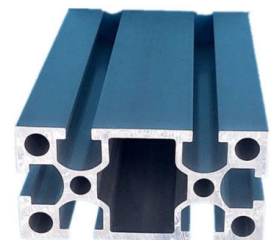
### Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE ,ISO14001:2004, ISO9001:2000
- Minimum Order Quantity: 1 ton
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



### Product Specification

- Product Name: Industrial Aluminium Profile
- Alloy: 6063,6061
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized Powder Coated, Drawbench,Steel Polished
- Deep Process: Milling, Drilling, Cutting
- Temper: T5, T6
- Highlight: oem aluminum extruded profiles, 6063 alloy aluminum extruded profiles, 6061 alloy aluminum extruded profiles



## Product Description

### OEM Aluminum Extruded Profiles , 6063 / 6061 Alloy , Powder Painted

Our company Hentec is a large factory with aluminum profiles. This company has 44 extrusion production lines, 4 anodizing production lines, 4 powder coating production lines, two thermal break production lines. The annual production capacity is 500,000 tons. The company has passed ISO9001 , ISO14001 , ISO18000,SGS certification. our products are best seller in more than 20 countries in Middle East ,Africa ,Southeast Asia .

### Company with rich manufacturing experience

Hentec is one of the leading aluminum manufacturer in China, with 15 years experience. Our company has imported the world leading level of modern production equipment from the United States, Britain, Germany, Japan, Switzerland and other countries .

### Product Specification

- (1). Product:Aluminum industry profile
- (2). 20 years warranty.
- (3). High corrosion resistance.
- (4). 5-10 years weather resistance.
- (5). Good wear resistance & anti-scratch.
- (6). Size customized.
- (7). Alloy temper:6061-T6,6063-T6,6082-T6 etc.
- (8). Standard: EN755, ASTM B221, DIN Standard
- (9). Surface treatment: Mill finishes;Anodized; Powder coated;Wooden grain, Machine/Acid polished and etc5.
- (10). Applicant: industry, construction, exhibition, car, decoration and etc.
- (11). Packing details:Shrinking film, Carton, Wooden pallet or By customer's requirements.
- (12). Delivery: 25-30 days for mass production

### Surface treatment:

| Surface treatment: |                 |  |  |            |                 |          |         |  |
|--------------------|-----------------|--|--|------------|-----------------|----------|---------|--|
| Surface Finish:    | Mill finish     | Anodizing  | Powder Coating                                       | Wood Grain | Electrophoresis | Polished | Brushed |  |
| Color:             | Anodizing:      | Silver, bronze, champagne, titanium, nickel, golden yellow, etc.<br>Anodizing thickness is up to 25um.   |  |            |                 |          |         |  |
|                    | Powder Coating: | White, black, bronze, grey, green, etc .<br>Powder coating thickness is more than 60um.  |  |            |                 |          |         |  |
|                    | Wood Grain:     | 1. Italian MENPHIS transfer printing paper.<br>2. AKZO NOBEL INTERPON D1010(10 years warranty):<br>Australia cedar, Bush cherry, Chest nut, Jarrah I, Jarrah II, Western red cedar, etc.<br>3. AKZO NOBEL INTERPON D34(5 years warranty) |  |            |                 |          |         |  |
|                    |                 | Electrophoresis:   | Silver, nickel, golden yellow, black, champagne, etc |            |                 |          |         |  |
|                    |                 | Polishing  | Silver, nickel, golden yellow, black, etc            |            |                 |          |         |  |
|                    | Brushing:       | Silver, nickel, golden yellow, black, bronze, etc  |  |            |                 |          |         |  |
|                    | Machining:      | Cutting, punching, drilling, bending, weld, mill, CNC, etc.  |  |            |                 |          |         |  |

### Chemical Composition of aluminum alloy:

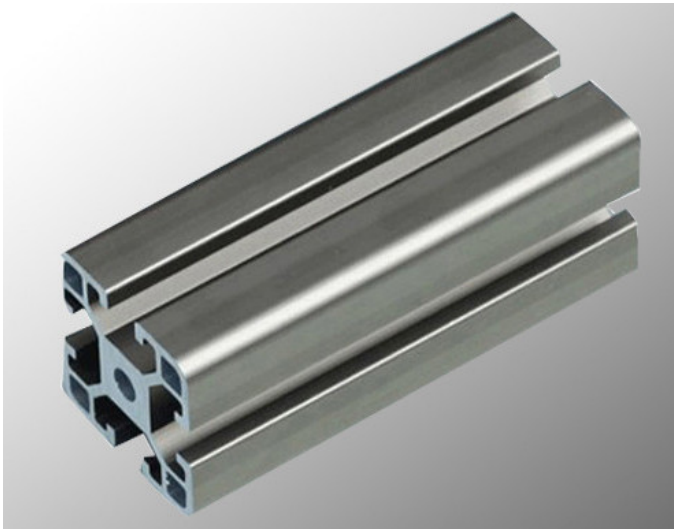
TABLE OF CHEMICAL COMPOSITION OF ALUMINUM ALLOY

| Alloy | Si      | Mg       | Fe     | Cu       | Mn      | Zn     | Cr        | Ti     | Al      |
|-------|---------|----------|--------|----------|---------|--------|-----------|--------|---------|
| 6063  | 0.2-0.6 | 0.45-0.9 | < 0.35 | < 0.1    | < 0.1   | < 0.1  | < 0.1     | < 0.1  | Surplus |
| 6061  | 0.4-0.8 | 0.8-1.2  | < 0.7  | 0.15-0.4 | < 0.15  | < 0.25 | 0.04-0.35 | < 0.15 | Surplus |
| 6005  | 0.5-0.9 | 0.4-0.7  | 0.35   | 0.3      | 0.50    | 0.2    | 0.3       | 0.1    | Surplus |
| 6082  | 0.7-1.3 | 0.6-1.2  | 0.5    | ≤0.1     | 0.4-1.0 | ≤0.2   | ≤0.25     | < 0.1  | Surplus |

### Anodizing quality:

#### ADODIZINMG QUALITY

| Grade | corrosion resistance |       |                        | abrasive resistance                         |       |
|-------|----------------------|-------|------------------------|---|-------|
|       | CASS test            |       | alkaline dropping test | sandtrial<br>Abrasion coefficient<br>f,g/um |       |
|       | hours                | grade |                        |   |       |
| AA10  | 16                   | ≥ 9   | ≥ 50                   |   | ≥ 300 |
| AA15  | 32                   | ≥ 9   | ≥ 75                   |   | ≥ 300 |
| AA20  | 56                   | ≥ 9   | ≥ 100                  |   | ≥ 300 |
| AA25  | 72                   | ≥ 9   | ≥ 125                  |   | ≥ 300 |



#### Description:

1. Material: 6063,6061,6060,etc.
2. Temper: T5 or T6
3. Finish: Mill finish, anodizing, powder coating, electrophoresis, wooden transfer or pvdf/carbon-flouride coated, polishing, brushing, sand blasting
4. Various colors: Silver, bronze, black, gold, blue,grey, champagne, bright, etc.
5. Machining: Cutting, punching, drilling, tapping, milling, bending, welding, CNC etc.
6. Various in styles and sizes:
  - A) Aluminum alloy bars: 6000 series, normal material such as 6063,6005,6061,6060, special materials such as 6082 etc.
  - B) Aluminum profiles:
    - General aluminum profiles (various shapes of pipes/tubes, angles, T or U shapes etc.)
    - Industrial aluminum profiles ( TV frames, Rim for bicycles and motorcycles, Heat sink profiles, Furniture, Ladder, Guide Rail, Leisure materials, Shower Room, Solar Module Frame, Motor Shell, Pipeline Integration etc.)
    - Construction aluminum profiles
7. Certification: ISO9001,SGS,ROHS,TUV
8. Strong technical development ability, can provide high intensity and high ductility aluminum profiles, to meet customers' different requirements.
9. OEM service available, customized design available

Our aluminum T-Solt profile is widely used in :

Heavy duty Racks  
 Robot safety Fencing ,industrial safety fencing  
 Industrial Material Handling Trolley  
 Work Benches  
 Material Handling Systems  
 Table  
 Conveyor frame  
 Parts Racks  
 Machine guarding and enclosures  
 Lean Manufacturing Tools  
 Rolling carriages  
 Flexible work cells  
 Material handling carts  
 Machine bases and frame  
 The frame of Clean Room  
 Customized according to customer's mechanical equipment .

#### Specifications:

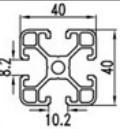
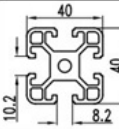
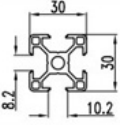
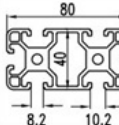
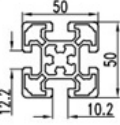
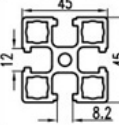
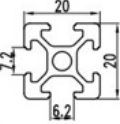
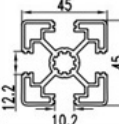
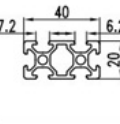
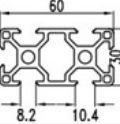
##### 1. Primary Technical Data

###### 1)Chemical composition

| Alloy | Si      | Fe      | Cu       | Mn   | Mg       | Cr        | Zn   | Ti   | Impurity | Al   |
|-------|---------|---------|----------|------|----------|-----------|------|------|----------|------|
| 6063  | 0.2-0.6 | 0.35    | 0.1      | 0.1  | 0.45-0.9 | 0.1       | 0.1  | 0.1  | 0.15     | Rest |
| 6061  | 0.4-0.8 | 0.7     | 0.15-0.4 | 0.15 | 0.8-1.2  | 0.04-0.35 | 0.25 | 0.15 | 0.15     | Rest |
| 6060  | 0.3-0.6 | 0.1-0.3 | 0.1      | 0.1  | 0.35-0.6 | -         | 0.15 | 0.1  | 0.15     | Rest |
| 6005  | 0.6-0.9 | 0.35    | 0.1      | 0.1  | 0.40-0.6 | 0.1       | 0.1  | 0.1  | 0.15     | Rest |

###### 2)Mechanical property

| Alloy | Temper | Tensile strength | Yield strength | Elongation |
|-------|--------|------------------|----------------|------------|
| 6063  | T5     | ≥ 160Mpa         | ≥ 110Mpa       | ≥ 8%       |
|       | T6     | ≥ 205Mpa         | ≥ 180Mpa       | ≥ 8%       |
| 6061  | T6     | ≥ 265Mpa         | ≥ 245Mpa       | ≥ 8%       |

| 公司图号   | 图 样   | 线密度<br>kg/m | 公司图号   | 图 样   | 线密度<br>kg/m |
|--------|---|-------------|--------|---|-------------|
| HT-745 |    | 1.292       | HT-752 |  | 1.646       |
| HT-746 |    | 0.786       | HT-753 |  | 2.952       |
| HT-747 |    | 2.524       | HT-754 |  | 2.015       |
| HT-749 |    | 0.464       | HT-767 |  | 1.522       |
| HT-750 |    | 0.808       |        |   |             |
| HT-751 |  | 1.616       |        |   |             |

#### Competitive Advantage:

- 1.ISO Audited company.
- 2.Industry experience over 17 years.
- 3.Shipment of goods -More than40 countries worldwide.
- 4.Have the most convenient transport and prompt delivery.
- 5.Offer competitive price with best service.
- 6.High technical production line with top quality products.
- 7.High reputation based on best quality products.



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